PTO/SB/08A (08-03)

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TRADENA Solute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known Application Number 10/696,401 Filing Date **OCTOBER 29, 2003** First Named Inventor **VLADIMIR GRUSHIN** 284-2813 Group Art Unit UNKNOWN KIELIN **Examiner Name**

Attorney Docket Number | PE0649USDIV4 Sheet of **U.S. PATENT DOCUMENTS** Document Number **Publication Date** Name of Patentee or Pages, Columns, Lines, Where Cite Examiner MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Initials No. Number - Kind Code² (it know Figures Appear us -6,303,238 B1 10-16-2001 Thompson et al. US -6,670,645 B2 12-30-2003 Grushin et al. US -2001/0019782 A1 09-06-2001 FX Igarashi et al. US -US : บร์ *i*US -US -USus -US -

		FOREIC	ON PATENT D	OCUMENTS		
Examiner	Cite	Foreign Patent Document	Publication Date		Pages, Columns, Lines, Where Relevant Passages or Relevant	
Initials*	No.	CountryCode ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Figures Appear	T,
91		EP 1 191 614 A2	03-27-2002	Canon Kabushiki Kaisha		
Ea		WO 00/57676 A1	09-28-2000	Univ. of Southern California		
DL.		WO 01/41512 A1	06-07-2001	Princeton Univ & University of Southern California		
EK		WO 02/02714 A2	01-10-2002	DuPont		
TR		WO 02/15645 A1	02-21-2002	Princeton Univ, Univ of So Cal & Universal Display		
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Examiner Signature	E-R	Date Considered	6/26/2005

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patient Documents at <a href="https://www.uspto.com/www.uspto.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain by the place which is to the table to the table to be the table to the table table

PTO/SB/08B (08-03)

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Complete if Known

10/696,401

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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Application Number

Substitute for form 1449A/PTO

		ION DISCLOSURE	Filing Date	October 29, 2003	
STAT	EMEN	IT BY APPLICANT	First Named Inventor	VLADIMIR GRUSHIN ET. AL.	
			Group Art Unit	-20TT 2813	
(us	e as mar	ny sheets as necessary)	Examiner Name	WKNOWN KIELIN	
Sheet	2	of 2	Attorney Docket Number	PE0649USDIV4	
	_	OTHER PRIOR ART N	ON PATENT LITERA	TURE DOCUMENTS	
Examiner Initials *	Cite No.1	the item (book, magazine, journ		of the article (when appropriate), title of talog, etc.), date, page(s), volume-issue ntry where published.	Τ2
		LAMANSKY, SERGEY ET AL., H Photophysical Characterization, and	ighly Phosphorescent Bis-Cy Use in Organic Light Emitting 123, American Chemical	clometalated Iridium Complexes: Synthesis, Diodes, J. Am. Chem. Soc., 2001, 4304–4312, socialy	
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EK		ABSTRACT OF JAPANESE PCT P	ublication WO02/44189 A1, L Canon Kabushiki Kais	uminescent Element and Display, 06-08-2002, sha	
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Examiner		C //	Date	6/71/205	

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Kn wn					
Application Number	10/027,421				
Filing Date	DECEMBER 20, 2001				
First Named Inventor	VLADIMIR GRUSHIN ET AL.				
Group Art Unit	2815 2813				
Examiner Name	UNKNOWN KIELIN				
Attorney Docket Number	PE0649 US CIP				

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Examiner	Cite	U.S. Patent Doc		Name of Palentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevan
Initials *	No.'	Number (if known)		of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
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		2001/0019782	- 41	IGARASHI ET AL.	09/06/01	
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ı.	Initials*	No.1	Office ³		ind Code ⁵ if known)	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	Та
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Examiner Signature	C-R-	Date Considered	6/25/2005

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark hee if English language Translation is attached.

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DUPLICATE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of 2

	Complete If Kn wn	
Application Number	10/027,421	
Filing Date	DECEMBER 20, 2001	
First Named Inventor	VLADIMIR GRUSHIN ET AL.	
Group Art Unit	2015 2813	
Examiner Name	UNKNOWN KIELIN	
Attorney Dockel Number	PE0649 US CIP	

DUPLICATE

				U.S. PATI	ENT DOCUMENTS	
Examiner Initials *	Cite No.1		ocument Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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1 1	CountryCode ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY		
	EP	1175128	A2	01/23/2002		0.
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		CountryCode³ EP WO	CountryCode ³ Number ⁴ EP 1175128 WO 96/03410	Foreign Patent Document	Foreign Patent Document	CountryCode ³ Number ⁴ Kind Code ⁶ (if MM-DD-YYYY Applicant of Cited Docun MM-DD-YYYY Applicant of Cited Docun WO 96/03410 A1 02/08/1996 BOEHRINGER MANNHEIM GMBH

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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the tow-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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	Substitute	for form 144	9A/PTO			Complete if Known	
	11150	DALAT	011 010	OL OOUDE	Application Number	10/027,421	
				CLOSURE	Filing Date	DECEMBER 20, 2001	
	STAT	remen	T BY A	PPLICANT	First Named Inventor	VLADIMIR GRUSHIN ET AL.	
ļ					Group Art Unit	2015 2813	
		(use as ma	ny sheets as	necessary)	Examiner Name	UNKNOWN KIELIN	
	Sheet	2	of	2	Attorney Docket Number	10/027,421	

	,	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	,				
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
EK		DJUROVICH, PETER I. ET AL., Ir(III) Cyclometalated Complexes As Efficient Phosphorescent Emitters In Polymer Blend and Organic LEDs, Polymer Preprints, 2000, 770-771, 41(1)					
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Examiner Signature		Date Considered 6/25/zet 5					

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INITO	DILATI	0 KI DIG	OL ÓCUBE	Application Number	10/027,421	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	DECEMBER 20, 2001	
				First Named Inventor	VLADIMIR GRUSHIN ET AL.	
				Group Art Unit	12815 2813	
(use as many sheets as necessary)				Examiner Name .	UNKNOWN KIELIN	
Sheet	2	of	2	Attorney Docket Number	PE0649 US CIP	フ

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	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS							
	Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²				
DWPLILATE			BALDO, M.A. et al., High-efficiency fluorescent organic light-emitting devices using a phosphorescent sensitizer, Nature, February 17, 2000, 760-763, Vol. 403					
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+. +	BALDO, M.A. et al., Highly efficient phosphorescent emission from organic electroluminescent devices, Nature September 10, 1998, 151-154, Vol 395							
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